

REMARKS

This paper is being submitted in response to the Office Action mailed May 3, 2004, for the above-referenced application. In this response, Applicants have amended claims 1 and 2 and added new claims 3-7 to clarify that which Applicants regard as the invention. Further, Applicants have amended the specification for purposes of clarification. Applicants respectfully submit that the amendments to the claims and the new claims are fully supported by the originally-filed specification and that the amendments to the specification do not add new subject matter.

The Office Action indicates that page 2, line 20 of the specification contains the word "ration". Applicants respectfully submit that the specification does not contain the word "ration" on the indicated line; however, Applicants have amended herein the paragraph added via Preliminary Amendment filed October 2, 2003, beginning at page 6, line 11 of the specification to correct two instances of the word "ration". Further, the Office Action suggests that the word "inhomogeneously" should be replaced with "homogeneously" on page 10, line 1. Applicants respectfully submit that the word inhomogeneously has been properly used. Applicants direct attention to the next sentence that refers to "stratifying" the hydrogen injection and respectfully submits that this portion of the specification is discussing injection of hydrogen in an inhomogeneous manner. Accordingly, Applicants respectfully request that the objections to the specification be reconsidered and withdrawn.

The statutory double patenting rejection of claims 1 and 2 under 35 U.S.C. 101 in view of U.S. Patent No. 6,655,324 is hereby traversed and reconsideration is respectfully requested.

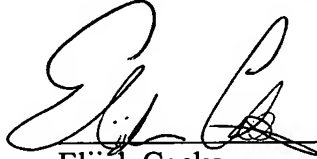
Claims 13 and 31 of U.S. Patent No. 6,655,324 both recite "an internal combustion gasoline engine". Applicants submit that present claimed invention of claims 1 and 2, as amended herein, recite *an internal combustion engine operating on at least one of ethanol, methanol, natural gas and propane*. Applicants submit that present claims 1 and 2 are not coextensive in scope with claims 13 and 31 of U.S. Patent No. 6,655,324. Accordingly, Applicants respectfully request that this rejection be reconsidered and withdrawn.

Further, Applicants have added new claims 3-7 and respectfully submit that these claims are patentable over the prior art of record. Applicants submit that these claims are supported by the originally-filed application and refer, for example, to page 9, line 19 through page 10, line 12 and page 13, lines 20-21 of the originally-filed application.

Based on the above, Applicants respectfully request that the Examiner reconsider and withdraw all outstanding objections and rejections. Favorable consideration and allowance are earnestly solicited. Should there be any questions after reviewing this paper, the Examiner is invited to contact the undersigned at 617-248-4792.

Please charge any fees that may be required and which have not been provided for in accompanying documents or credit any overpayments to our Deposit Account No. 03-1721.

Respectfully submitted,
CHOATE, HALL & STEWART

A handwritten signature in black ink, appearing to read 'E. Cocks', written over a horizontal line.

Date: July 29, 2004

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